1st & Final bill

M. A. R. 57 (Rule 116) No. E

Measurement Book

494562

Serial No. .....

Name of work Repairs and maintenance of BBMP office in ward no-05 of ..... From ..... To ..... yelahanka new town Sudden

Name of Contractor of nature of Agency..... Sri. prashanth. m. / (maradis Enterprises).

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
	Job Work Order No:	005	23	000008.		
	WORK order NO:	BBMP/CE/YNK.D/CE-PMS-12/W.O/78/2022-23-dt-12-01-2023.				
	AS no & date:	BBMP/CE/YNK.2/AS/81/dt-22-8-2022.				
	AS no & date:	BBMP/EE/YNK.D/AS/52/2022-23 dt-23-8-2022				
	Tender Approved Amount: Rs, 15,56,431 + 18% GST					

Reference to last Measurement 8

00020

MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. E 494563

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	on product of work from certified manufacturers as per the direction of the Engineer in charge:						as pg the
	Library Building						
		01	x 9.61	x 14.40	–	138.38	
		01	x 5.14	x 3.43	–	17.63	
		01	x 5.5	x 5.20	–	28.60	
					Total	184.61	
					@	762.13/Sqm = 1,40,978.80	

01) providing and laying water proofing treatment to the Roof with PU Based Single Component elastomeric pure polyurethane based Coating on new terrace/ Chajjas/ Sunken portion of W.C. Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 40% and tensile Strength greater than 2mPa as per ASTM D 412, the terproofing membrane to be applied in 2 coats @ 1.6 kg per m² to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @ 150g per m² and protection with 120 gsm Geo-textile over the water proofing membrane. The finished cost to include surface preparation mating Coving @ junction, Bose packing, treatment of Construction Joints Completely as per specification with a 10 year warranty on

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
02)	Finishing walls with Acrylic Smooth exterior paint of required shade New work (Two coat applied @ 1.67 ltr/sqm over and including priming coat of exterior primer applied @ 2.20 ltr/sqm with paint of approved quality to give an even shade, after thoroughly brooming the Surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, Cost of materials, Labour Complete as per specifications and as per directions of Engineer-in-charge —						
	Library Building ⟷ Out side painting						
	Ground Floor: Longer direction	2	18.02	—	3.12	= 113.56	
	Shorter direction	2	10.70	—	3.12	= 66.76	
		2	10.7	—	3.12	= 66.76	

M. A. R. 57 (Rule 116) No. E 494564
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Varanda sealing →	01	× 6.40	× 5.20	× 3.12	= 103.83	
	Chajja →	24	× 2.10	× 0.60	× —	= 30.24	
		24	× 2.10	× 0.60	× —	= 30.24	
	1st Flour. longer direction →	02	× 18.20	—	× 3.12	= 113.56	
	Shorter direction →	02	× 10.70	—	× 3.12	= 66.76	
		02	× 10.70	—	× 3.12	= 66.76	
	Varanda sealing →	01	× 6.40	× 5.20	× 3.12	= 103.83	
	Chajja	24	× 2.10	× 0.60	× —	= 30.24	
	1st Flour parapet wall →	02	× 6.49	× —	× 0.92	= 12.59	
		02	× 5.24	× —	× 0.92	= 10.16	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Terrace parapet wall →	02	x 9.61	x –	0.87	= 16.72	
		02	x 17.65	x –	0.87	= 30.71	
		02	x 1.87	x –	0.87	= 3.25	
		02	x 5.20	x –	0.87	= 9.04	
		02	x 4.97	x –	0.87	= 8.64	
		02	x 14.40	x –	0.87	= 25.05	
	Terrace Head Room →	02	x 4.47	x –	3.12	= 27.89	
		02	x 3.43	x –	3.12	= 21.40	
		02	x 3.43	x –	3.12	= 21.40	
	BBMP office Ground Floor →	02	x 16.12	x –	3.12	= [illegible]	
		02	x 18.02	x –	3.12	= 112.44	
		02	x 18.02	x –	3.12	= 112.44	
	Varandha Front →	01	x 5.35	x 5.35	–	= 28.62	
	Chejja	36	x 2.70	x 0.60	–	= 58.32	

CGP

M. A. R. 57 (Rule 116)
Measurement Book

No. E 494565

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Ventilator	04	x 2.20	x 0.60	x –	= 5.28	
	1st Floor longer direction	02	x 16.12	x –	3.12	= 100.58	
		02	x 18.02	x –	3.12	= 112.44	
		02	x 18.02	x –	3.12	= 112.44.	
	Varandha Front.	01	x 5.35	x 5.35	–	= 28.62	
	Chejja	36	x 2.70	x 0.60	–	= 58.32	
	Ventilator.	4	x 2.20	x 0.60	–	= 5.28	

(A) Total = ~~1814.87~~ Sqm
1814.87

CGP

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2		Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Library Building Deduction	Gate	01	2	-	2.72	= 5.44	
		W	22	1.8	-	1.20	= 47.52	
		W1	2	1.8	-	0.45	= 1.62	
		V	2	0.45	-	0.45	= 0.40	
	BBMP office	Gate	01	2.65	-	2.40	= 6.36	
		W	16	2.40	-	1.80	= 69.12	
		W1	4	2.40	-	1.50	= 14.4	
		V	2	1.90	-	0.46	= 1.74	
		V1	2	0.45	-	0.45	= 0.40	
							147.00	Sqm
				(B) Total				
				(A) - (B)		=	1667.87	Sqm
				@	139.12	/ Sqm	=	2,32,034.07

M. A. R. 57 (Rule 116) No. E 494566

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(03)	Finishing with Epoxy paint (two coats) at all locations prepared and applied as per manufactures specifications including appropriate priming coat, preparation of surface, etc. Complete. On concrete work including preparing the surface after thoroughly cleaning oil, grease, dirt and Foreign matter, cost of materials labour complete as per specification and as per direction of Engineer-in-charge —						
	Library Building	2	9.59	-	3.0	= 57.54	
	Inside painting	2	10.66	-	3.0	= 63.90	
	Sealing (Hall) Ground Fl.	1	10.66	9.59	-	= 102.13	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Room-1 →	2	4.03	-	3.0	= 24.18	
		2	3.45	-	3.0	= 20.70	
		1	4.03	3.45	-	= 13.90	
	Toilet →	2	3.45	-	3.0	= 20.70	
		2	2.3	-	3.0	= 13.80	
		1	3.45	2.30	-	= 7.94	
	Passage →	2	[illegible]	-	3.0	= 22.20	
		[illegible]	[illegible]	-	3.0	= 16.56	
	Entrance →	[illegible]	3.70	2.76	-	= 10.21	
		2	9.59	-	3.00	= 57.54	
		2	4.0	-	3.00	= 24.00	
	For Glums →	10	0.06	-	3.00	= 1.80 -	
	1st Floor → Hall →	2	9.59	-	3.00	= 57.54	
		2	10.65	-	3.00	= 63.90	
		1	10.65	9.59	-	= 102.13	

M. A. R. 57 (Rule 116)
Measurement Book

No. E 494567

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Room-1 →	2	4.03	-	3.0	= 24.18	
		2	3.45	-	3.0	= 20.70	
		1	4.03	3.45	-	= 13.90	
	Toilet →	2	3.45	-	3.00	= 20.70	
		2	2.30	-	3.0	= 13.80	
		1	3.45	2.30	-	= 7.94	
	passage →	[illegible]	[illegible]	-	3.00	= 22.20	
		[illegible]	[illegible]	-	3.00	= 16.56	
	Entrance 1st Fl[illegible]	1	3.70	2.76	-	= 10.21	
		2	9.59	-	3.000	= 57.54	
		2	4.00	-	3.00	= 24.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Terrace → Head Room →	2	4.43	-	3.00	= 26.82	
		2	3.43	-	3.00	= 20.58	
		1	4.43	3.43	-	= 15.33	
	For Colum	10	0.06	-	3.00	= 1.80	
	DDMP office Ground Floor	2	9.35	-	3.00	= 56.10	
	A.E. Room	2	4.93	-	3.00	= 29.58	
		2	9.35	4.93	-	= 92.19	
	Forest office Room →	2	7.65	-	3.00	= 45.90	
		2	4.14	-	3.00	= 24.84	
	Hall →	2	7.65	4.14	-	= 63.34	
		2	7.65	-	3.00	= 45.90	
		2	6.00	-	3.00	= 36.00	
		1	7.65	6.00	-	= 45.90	

M. A. R. 57 (Rule 116)
Measurement Book

No. E 494568

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Corporate Room →	2	6.00	-	3.00	= 36.00	
		2	4.90	-	3.00	= 29.40	
		1	6.00	4.90	-	= 29.40	
	Store Room & Toilet →	2	5.17	-	3.00	= 31.20	
		2	0.70	-	3.00	= 4.20	
	Staff	3.17	0.70	-		= 3.62	
		2	5.17	-	3.00	= 31.02	
		2	1.77	-	3.00	= 10.62	
		2	5.17	1.77	-	= 18.30	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Bathroom Gents & Ladies →	2	4.13	–	1.50	12.39	
		2	2.10	–	1.50	6.30	
		2	4.13	2.10	–	17.35	
	Columns & Beams	12	0.06	–	3.00	2.16	
	1st Flor AE. Room →	2	9.35	–	3.00	56.10	
		2	4.93	–	3.00	29.58	
		2	9.35	4.93	–	92.18	
	Forest office →	2	4.93	–	3.00	29.58	
		2	7.65	–	3.00	45.90	
		2	4.14	–	3.00	24.84	
	Hall →	2	7.65	4.14	–	63.34	
		2	7.65	–	3.00	45.90	
		2	6.00	–	3.00	36.00	
		1	7.65	6.00	–	45.90	

M. A. R. 57 (Rule 116)
Measurement Book

No. E 494569

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Corporate Room →	2	6.00	–	3.00	36.00	
		2	4.90	–	3.00	29.40	
		1	6.00	4.90	–	29.40	
	Store room & Toilet →	2	5.17	–	3.00	31.02	
		2	0.70	–	3.00	4.20	
	Stuff room →	1	5.17	0.70	–	3.62	
		2	5.17	–	3.00	31.02	
		1	5.17	–	3.00	10.62	
	Bathroom Gents & Ladies →	1	5.17	1.77	–	18.30	
		2	4.13	–	1.50	12.39	
		2	2.10	–	1.50	6.30	
		2	4.13	2.10	–	17.35	

MEASUREMENT BOOK

Date	Full description, etc, of work	Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Lift						
	Column	4	2.60	-	6.30	= 50.40	
		4	2.00	-	6.30	= 50.40	
		1	2.00	-	3.00	= 2.16	
					Total	= 2450.39	Sgm
	Deduction						
	Library Building						
	Gate	2	2.00	-	2.72	= 10.88	
	MD	2	1.55	-	2.10	= 6.51	
	J1	4	0.75	-	2.00	= 6.16	
	J2	2		-	2.10	= 3.78	
		2		-	1.20	= 47.52	
		2	1.80	-	0.45	= 1.62	
	V	2	0.45	-	0.45	= 0.41	

M. A. R. 57 (Rule 116)
Measurement Book

No. E 494570

Serial No. ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work		Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2		3	4	5	6	7	8
	BDMP office	Gate	01	2.65	-	2.40	= 6.36	
		W	16	2.40	-	1.80	= 69.12	
		W1	4	2.40	-	1.50	= 14.40	
		D	24	1.20	-	2.40	= 69.12	
		D1	4	0.35	-	2.30		
		MD	2	2.05	-	2.40	= 9.84	
		V	2	1.90	-	0.46	= 1.75	
		V1	2	0.45	-	0.45	= 0.41	
		(B) Total				=	255.98	Sqm

(A) - (B) = 2450.39 - 255.98 = 2194.41 Sqm

@ 141.17/Sqm = 309784.90

(04) providing & fixing on wall face unplasticised rigid PVC rain water pipes conforming to IS:13592 Type A. including jointing with seal ring conforming to IS:5382, leaving 10mm gap for thermal expansion, Single Socketed pipes 100mm diameter

Rainwater pipes → 60.00 - - - = 60.00 mtr

@ 258.81/mtr = 15528.60

(05) providing and fixing G.I chain link fabric fencing of required width in mesh size 25x25 mm made of G.I wire of dia 3 mm including Strengthening with 4 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in charge.

Windows mesh.

M. A. R. 57 (Rule 116)
Measurement Book

No. E 494571

Serial No. ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2		3	4	5	6	7	8
	Library Building							
	windows mesh	W	22	x 1.80	x -	x 1.20	= 47.52	
		W1	2	x 1.80	x -	x 0.45	= 1.62	
		V	2	x 0.45	x -	x 0.45	= 0.405	
	BDMP office	W	16	x 2.40	x -	x 1.80	= 69.12	
		W1	4	x 2.40	x -	x 1.50	= 14.40	
		V	2	x 1.90	x -	x 0.46	= 1.74	
		V	2	x 0.45	x -	x 0.45	= 0.40	
						Total =	135.22 Sqm	
					@	797.94/Sqm	= 107897	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
(06)	providg and fixg white vitreous china flat back half stall urinal of size 580×380×350 mm with white PVC automatic flushing cistern with fittings standard size C.P. brass flush pipe, spreaders, with unions and clamps (all in C.P brass) with waste fittings as per IS: 2556, C.I. trap with outlet grating and other coupling in C.P. brass, including painting of fittings and cutting and Urinals each -	04 nos	-	-	-	@ 6780.44/each = 27,121.8	
(07)	Suitable for study & Home office. Table top material 18mm pre-laminated MDF board. up to 90 kg load bearing capacity. Library building tables	05 nos	-	-	-	@ 6338.88/No = 31,694.40	

M. A. R. 57 (Rule 116) No. E 494572
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
(08)	providg and fixg white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I brackets, 40mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets cutting and making good the walls and floors, wherever required: W.C. pan with ISI marked white solid plastic seat and lid Bathroom fittings - water closet.	05 nos	-	-	-	@ 5120.15/each = 15,360.50	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
(09)	White vitreous China Flat back wash basin size 450x300 mm with single 15mm C.P. brass pillar tap.						
	Library Building →	05	-	-	-	05	
	Wash basin					05	
	BBMP office →	05	-	-	-		
					Total	10	
						@ 1642.90	= 16,429.00
(10)	providing & fixing wash basin with C.I brackets, 15 mm. C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets cutting and making good the walls wherever require: 14.7.1 white vitreous china wash basin size 630x450 mm with a pair of 15 mm. C.P. brass pillar taps.						
	Taps @ Library building -	15	-	-	-	15	Nos
	BBMP office -	10	-	-	-	10	Nos

M. A. R. 57 (Rule 116)
Measurement Book

No. E 494573

Serial No. ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
				Total		25 Nos	
						@ 2587.16 / No	= 64,679.00
(11)	HP 200 Pro G4 22 All in one 10th Generation Intel Core Tm i5 processor (8GB DDR4/1 TB/256 GB/SSD/windows 10) Data Rate Complete as specification and direction of Site Engineer in charge.						
	Computers →	03	-	-	-		
						@ 90675 / No	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
(12)	Laser printer with print/scan/copy options with Auto Duplex of matte canon/HP data rate Complete as per specifications. and reinforced with rabbit wire mesh fixed to wooden frame. -						
	Colour printer →	03	-	-	-	03 nos @ 30225/no =	90,675.00
(13)	providing & fixing 10mm thick plaster of paris (gypsum anhydrous) Ceiling up to a height of 5m above floor level, over first class teak wood strips 25X6 mm with 10mm gap in between and reinforced with rabbit wire mesh fixed to wooden frame						
	BBMP office						
	wooden panel -	01	1.10	0.60	-	= 0.66 sqm @ 972.87/sqm =	642.10

M. A. R. 57 (Rule 116) No. E 494574
Measurement Book

Serial No. ..... From ..... To .....
Name of work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
(14)	Supplying steel Almirah with shelves & locker 6.6 feet guage of size 78" x 36" x 19" etc. including of all taxes as per approved by engineer in charge (Data rate) Complet as per specifications						18/20
	BBMP office -	04	-	-	-	04 nos @ 11180.92/no =	44,723.20
(15)	Executive bench - made out of Sadarahalli grey granite stone with hand supports with 3 fine finishing with arch/plain design with 100mm slab & height 90x length 1500 width 45cms						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	(1.50 x 0.45 x 0.90 (m) including lead and lift) charges inclusive of all charges As per direction of Engineer incharge						
	Benches	05	–	–	–	05 Nos @ 16926/Nos = 84630.00	
(16)	providing and placing on terrace (at all floor level) polythylene water storage tanks as per IS 12701 marked with over and suitable locking arrangements and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tanks (For 1000 Ltr Cap						
	Library building	2000	–	–	–	2000 Ltr	
	DBMP office –	2000	–	–	–	2000 Ltr	
						4000 Ltr	
						@ 8.18/Ltr = 32720.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. E 494575

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
(15)	Rubber door mats @ Data Rate Complete as per Specifications and directions of the engineer in charge:						
	Door mats						
	DBMP office –	4	–	–	–	4 Nos	
	Library Building –	5	–	–	–	5 Nos	
					Total	9 Nos	
						@ 327.36/Nos = 2946.20	
(18)	Supply of test – PVC batten with integrated LED tube ... W. with high quality diffuser with life of 25000 burning hours & 20 Y. lumen maintenance with CRI > 80. power input 220–240V @ 50/60 Hz						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	& power factor >0.90 along with CE approved 2 years warranty agst any manufacturing defect workery and Standard electrical condition light fittings 1x4'-20/2ew.						
	BBMP. office	6	-	-	-	6. Nos	
	Library Building -	6	-	-	-	6. No	
					Total	12.00 Nos	
					@	688.20/each =	8258.40
(19)	Supplying and fixing of slim box fitting made out of CRCA sheet metal body with locking type holder completely wired, excluding Ballast & Flouresent Tube 1x4' Tube light fitting.						
	BBMP office	10	-	-	-	10 nos	
	Library Building	10	-	-	-	10 nos	

M. A. R. 57 (Rule 116)
Measurement Book

No. E 494576

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
					Total =	20 Nos	
					@	301.32/No =	6026.40
(20)	Supplying & fixing retrofit type - PL-LED Lamp - W-LED linear Source with CCT 6500 degree, K. CRI > 70%. efficacy > 80 lumen per watt, life > 25000 burning hours and compliances to IS 16322/ IEC 60598 LM 79 & LM 80, The LED are driven by HF electronic driver integrated in the system, with PF >0.95 power loss should < 5%. of lamp wattage, Short circuit & open circuit protection to be Integrated in the circuit THD less than 20% life as per LM 79. The operating input voltage should be between 130 to 235 volts. Tested by NABL/ CRRI accredited						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Laboratory with 2 years warranty against any actuary defect working under Standard electrical Condition 12.2 I 8-9 watts each 0.00 12.2.2 · 18.20 watts.						
	BBMP office -	10	-	-	-	10 nos	
	Library Bldg -	11	-	-	-	11 nos	
					Total	21 nos	
					@ 642.63	/nos =	13495.23
(21)	Supplying Capacitor type ceiling fan Complete with down rod blades, Shackle, Canopies etc. for operation on 230 volts, 50 Cycle Single phase A.C. Supply conforming to IS - 374-1979 and with double ball bearing system. 48" (1200 mm) Regular mode						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 494577

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	BBMP office	10	-	-	-	10 nos	
	Library Bldg	10	-	-	-	10 nos	
					Total	20 nos	
					@ 1939.05	/nos =	38781.00
					Subtotal	=	15,56,430.00
					GST 18%	=	280157.00
					Grand Total	=	18,36,587.00

Date 21/05/2024

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8

Certificate:

① The above work is done satisfactorily and complete in all respect

② There is no department material issue for the above work.

(03) This works comes under BBMP limit

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೧೦೬

494578

M. A. R. 57 (Rule 116)
Measurement Book

No. E 494578

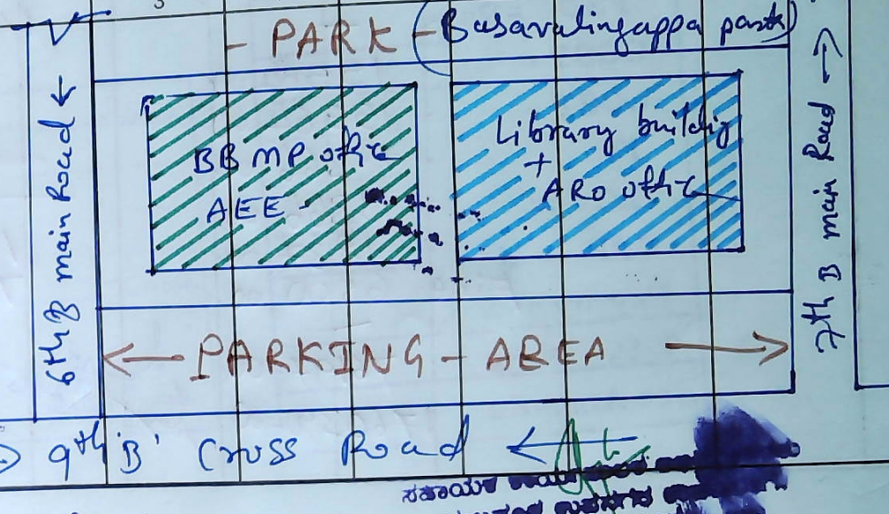
Serial No. ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೧೦೬

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st and Final Bill					Job Code : 005-23-000008 SBR No : 07/24-25 Date : 21/5/2024	
	Gross Amt =Rs 1836587=00 FSD =Rs — CGST = 15564=00 SGST = 15564=00 IT = 18366=00 LC = 18366=00 CBF = 1837=00 Fine- 6500=00 Royalty =Rs — T.D. =Rs 76197=00 Net Amt=Rs 1760390=00					Audited & Admitted for Rs. 1836587=00 1760390=00 by Cheque and Rs. 76197=00 by adjustment Accts Clerk 24/05 yelahanka Division BBMP Exe. Engineer yelahanka Division BBMP	